

T3788 Specification

1.0 General Description

T3788 is a blend of linear alky benzene in the range C11/C12 that posses excellent electrical properties. It is primarily used for the impregnation of hollow-core design AC cables.

2.0 Specification (IEC 60867 Class I)

T3788			
PROPERTIES	SPECIFICATION	UNITS	METHODS
Kinematic Viscosity at 40°C	6.0 max	cSt	ASTM D445
Density at 20° C	0.850-0.880	g/mol	ASTM D1298
Flash Point (PMCC)	110 min	°C	ASTM D93 (close cap)
Water Content	75 max	ppm	IEC 814
Pour Point	- 45 max	°C	ASTM D97
Breakdown Voltage	30 min	kV	IEC 156 1995
Dielectric Dissipation Factor at 90 ° C	0.002 max		IEC 60247
Speciffic Dielectric Resistance at 90 °c	0.5 min	TΩm	IEC60247
Chlorine Content	30max	mgkg-1	
Neutralisation Value	0,03max	Mg KOH g-1	IEC 867
Corrosive Sulphur	Non-corrosive		ASTM D1275
Stability Under Electric and Ionisation (Gassing) Absorption	20 min	mm ³ /min	IEC 628 Method A
Biodegradability	Readily biodegradable		OECD 301D , CEC L-33-T-82